

# Product Datasheet

## PSMA/FOLH1/NAALADase I Antibody (OTI3H5) NBP2-02045

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-02045****PSMA/FOLH1/NAALADase I Antibody (OTI3H5)**

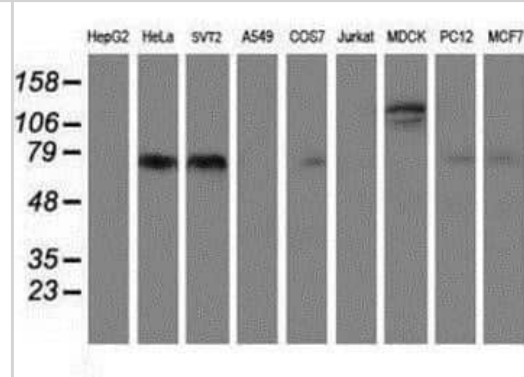
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.71 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI3H5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	84.2 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse PSMA/FOLH1/NAALADase I Antibody (OTI3H5) (NBP2-02045) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and Simple Western. Anti-PSMA/FOLH1/NAALADase I Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2346
<b>Gene Symbol</b>	FOLH1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Full length human recombinant protein of human FOLH1(NP_004467) produced in HEK293T cell.

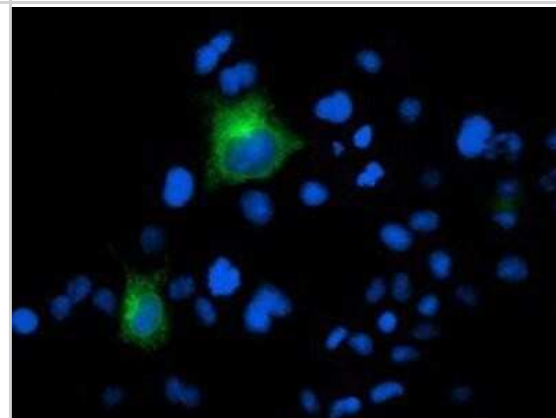
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1000, Simple Western 1:50, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150
<b>Application Notes</b>	See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in Prostate cell lysates, antibody dilution of 1:50

## Images

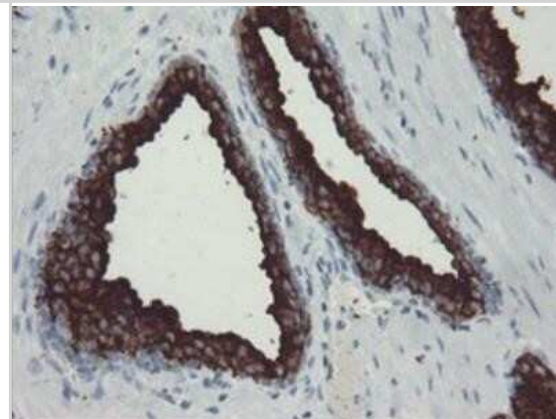
Western Blot: PSMA/FOLH1/NAALADase I Antibody (OTI3H5) [NBP2-02045] - Analysis of extracts (35ug) from 9 different cell lines by using anti-PSMA monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



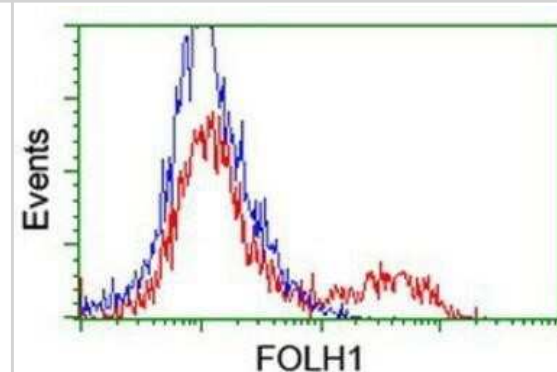
Immunocytochemistry/Immunofluorescence: PSMA/FOLH1/NAALADase I Antibody (OTI3H5) [NBP2-02045] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PSMA.



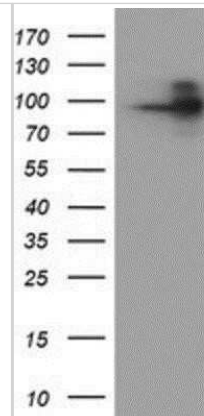
Immunohistochemistry-Paraffin: PSMA/FOLH1/NAALADase I Antibody (OTI3H5) [NBP2-02045] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PSMA mouse monoclonal antibody.



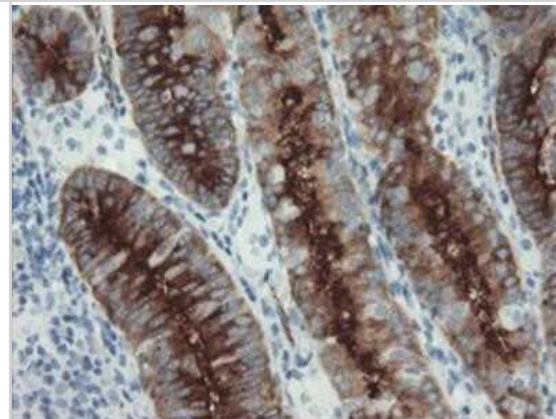
Flow Cytometry: PSMA/FOLH1/NAALADase I Antibody (OTI3H5) [NBP2-02045] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PSMA antibody, and then analyzed by flow cytometry.



Western Blot: PSMA/FOLH1/NAALADase I Antibody (OTI3H5) [NBP2-02045] - Transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PSMA (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PSMA.



Immunohistochemistry-Paraffin: PSMA/FOLH1/NAALADase I Antibody (OTI3H5) [NBP2-02045] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PSMA mouse monoclonal antibody.



## Publications

Rozolen JM, Teodoro TGW, Sobral RA Et al. Investigation of Prognostic Value of Claudin-5, PSMA, and Ki67 Expression in Canine Splenic Hemangiosarcoma Animals : an open access journal from MDPI 2021-08-14 [PMID: 34438863] (IHC-P)

Millan C, Prause L, Vallmajo-Martin Q et al. Extracellular Vesicles from 3D Engineered Microtissues Harbor Disease-Related Cargo Absent in EVs from 2D Cultures Advanced healthcare materials 2021-04-22 [PMID: 33890421]



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### **Products Related to NBP2-02045**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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